

NuFlare Technology, Inc. Site Report Information

Headquarters : 8-1, Shinsugita-cho, Isogo-ku, Yokohama-shi, Kanagawa, Japan
 [#200 Bldg.]Toshiba Yokohama Complex, #200Bldg.
 Building Area:18,710m²(NFT Area)
 Established : Oct, 2013
 [#70 Area]Toshiba Yokohama Complex, #70Area
 Site Area:19,965m² Building Area:9,790m² (Green ratio: 21.35%)
 Established : Mar, 2007
 Employees: 799(Mar 31, 2023)



Headquarters, #200Bldg.

Principal Products: Electron Beam Mask Writer, Mask Inspection System, Epitaxial Reactor

ISO14001 approval certification No. EC98J2014
 (Toshiba Electronic Devices & Storage Corporation Group)

Message from Environmental Protection Officer

We, NuFlare Technology, Inc., have engaged in the development, manufacture and sale of the electron beam mask writers, mask inspection systems, and epitaxial growth systems which are necessary for the downscaling and sophistication of semiconductor devices. We will make further efforts in the future to provide top value and contributions to social development through our semiconductor production systems.



Environmental Protection Officer
 Jun Takamatsu, President

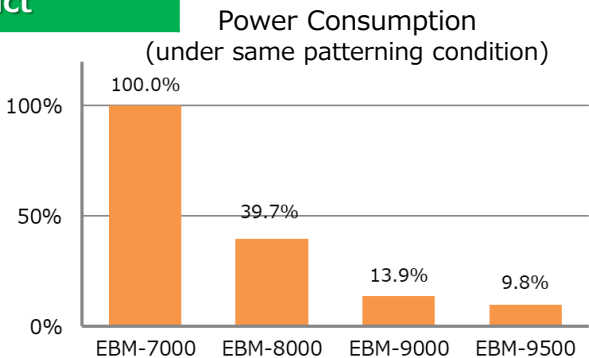
Major Environmental Activities in 2022

Purpose	Indicator	Target	Result/Evaluation
Prevention of Global Warming	Reduction of CO ₂ Emission	>=60.6 t-CO ₂ /FY	84.5 t-CO ₂ /FY
Promotion of Effective Utilization of Resources	Total industrial waste emissions	<=498ton/FY	431ton/FY
Social Activities and Environmental Communication	Promote and Encouragement of Social Activities	Plan Implementation	Done
Raising of Environmental Awareness	Educational Activities on Environment Protection	Plan Implementation	Done

Development of Environmentally Conscious Product

NFT* promotes development/improvement of ECPs.
 The chart shows the history of EBM series from environmental factors.
 (Electricity usage comparison under same patterning condition)

* NFT is short for NuFlare Technology, Inc.



To achieve the SDGs

At Toshiba Device & Storage Corporation Group, many of the goals of the SDGs are closely related to environmental management. I believe that by promoting environmental management, we will contribute to the achievement.



Statement of Environmental Philosophy of NuFlare Technology, Inc.

Vision

Toshiba Electronic Devices & Storage Corporation Group aims to create value for tomorrow and coexist with the Earth, consistent with Toshiba Group philosophy of being "Committed to People, Committed to the Future". We will contribute to the development of a sustainable society and better future through environmental management practices aimed at being de-carbonized, recycling-based, and harmonious with nature.

Policy

NuFlare Technology considers environmental stewardship to be one of our management's primary tasks, and promotes environmental activities proactively to reduce the environmental impact in the development and production of semiconductor manufacturing systems in harmony with economic activities. NuFlare Technology strives to take the environment into consideration in its business activities such as development, manufacturing, sales, services, and disposal from life cycle perspective, and aims to contribute to society by supplying products that consider environmental impact, and by realizing energy saving and reduction of resource usage in semiconductor devices which are produced by its manufacturing systems.

1. Compliance and sustainability

- 1) NuFlare Technology complies with all applicable laws and regulations, industry guidelines it has endorsed, and its own standards concerning the environment.
- 2) NuFlare Technology strives to continuously improve our environmental management system and effectively apply environmental management, through internal audits and reviews, in order to enhance environmental activities level and environmental performances.

2. Execution

NuFlare Technology strives to assess the environmental impact of its business activities including with regard to biodiversity which comprehend development, procurement, manufacturing and sales, set targets with respect to the reduction of environmental impact and pollution prevention, and execute proactive environmental measures including the following;

- 1) Striving to create and supply products and services that consider environmental impact.
- 2) Promoting reduction greenhouse gases generated by our business activities to mitigate climate change.
- 3) Striving to reduce waste and make effective use of resources by minimizing resources used in business activities and promoting 3Rs in order to support the circular economy.
- 4) Promoting risk reduction on environmental issues by appropriately management of chemical substances.
- 5) Striving to maintain and restore biodiversity in order to live in harmony with nature.
- 6) Striving to disseminate information and collaborating with local communities and society to facilitate mutual understanding with stakeholders.
- 7) Striving to enhance the environmental awareness with respect to all members in order to process business activities considering environment throughout NuFlare Technology, Inc.

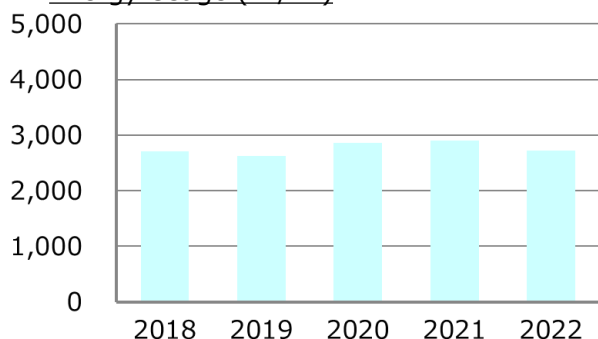
NuFlare Technology discloses this Statement of Environmental Philosophy to the public, promotes awareness of this Statement of Environmental Philosophy throughout NuFlare Technology, and promotes its business activities according to this Statement.

24th June, 2021

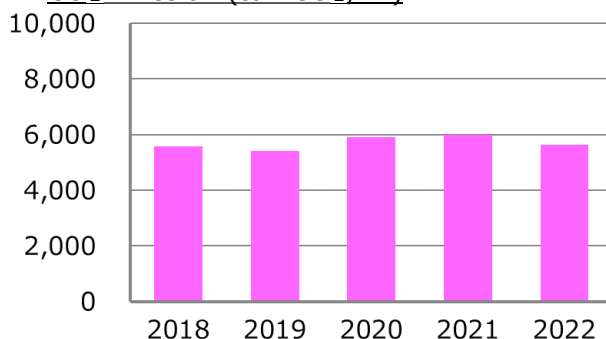


Jun Takamatsu
Environmental Protection Officer, President

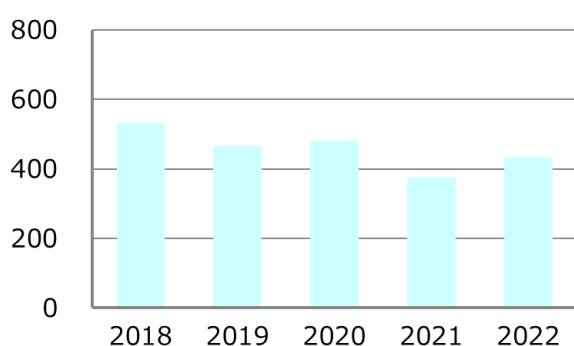
Energy Usage (kL/FY)



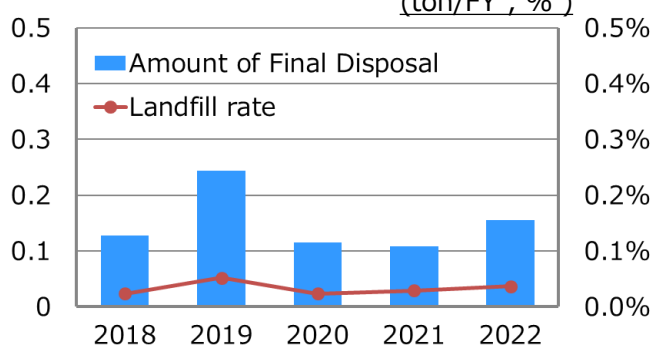
CO₂Emission (ton-CO₂/FY)



Amount of Waste (ton/FY)

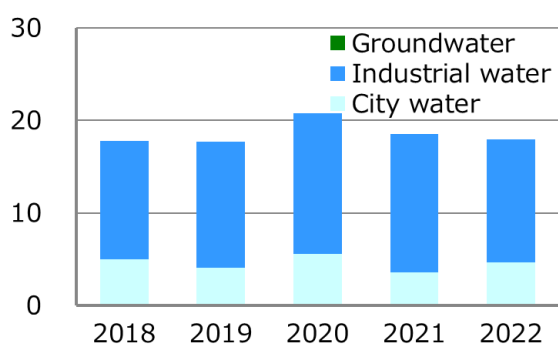


Amount of Final disposal and Landfill rate (ton/FY, %)

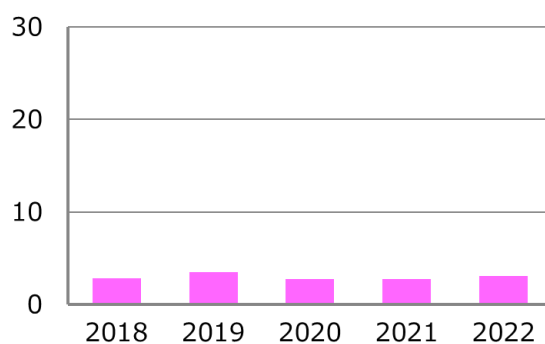


The main wastes : Waste alkali ,Waste acid , Waste plastic , Waste metal , etc.

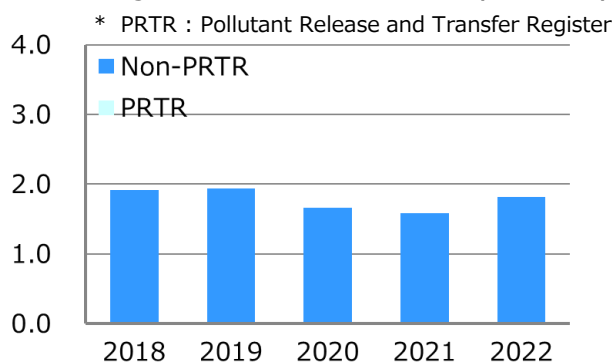
Use of Water (×10³m³/FY)



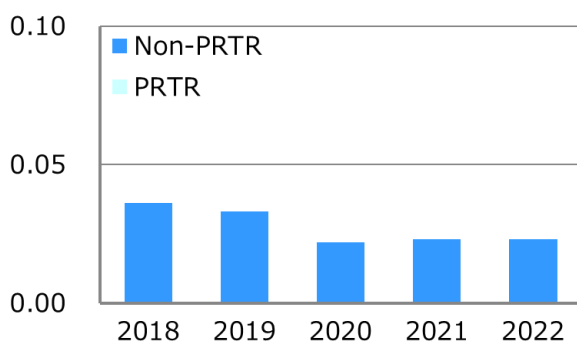
Drainage (×10³m³/FY)



Handling of chemical substances (ton /FY)



Release of chemical substances (ton /FY)



The main chemicals: Solvent , Sulfuric acid , etc.

<< Social action program >>

We supported and sponsored social action programs by government and various organizations.

(Summary)

"Kodomo Eco-Katsu Daisakusen ! (Environmental practices for children by Yokohama-City.)
We sponsored this program, and also donated to tree-planting activities in Philippines through the program.

Disability Aid

We supported the employment services for the disabled.

- ◆ In FY 2022, we are refraining from the following activities due to the Corona disaster.

※Activities will be resumed gradually from FY2023.

Cleanup activities on Mt. Fuji

We joined a local volunteer organization and carried out cleaning activities on Mt. Fuji.

Tree-planting activities on Mt. Fuji

We joined a local volunteer organization and carried Tree-planting activities on Mt. Fuji.

Coast cleaning activities

We participated in a local volunteer group and carried out beach cleaning activities.



Tree-planting activities on Mt. Fuji



Cleanup activities on Mt. Fuji ※ Jun 2023



Coast cleaning activities

◆ Activity scenery in FY2019

<< Participation in the Toshiba Group Environmental Activities >>

We took part in environmental activities of Toshiba Group and events during Environment Month, Energy-saving Month, and so on.

(Summary)

In FY2022, we refrained from
Neighboring Clean-Up Volunteering due to the corona disaster.

※Activities will be resumed gradually from FY2023.



◆ Activity scenery in FY2019

Conservation of biodiversity

<<Protection of Kugenumaran and surrounding environment>>

Kugenumaran (scientific name: "Cephalanthera longifolia")
are indigenous to south site of the #70 Area.

We watch them with care and keep their surrounding environment.
And Kugenumaran bore beautiful flowers this year too.

<Kugenumaran>

- Red List of the Ministry of the Environment
: Vulnerable
- Red Data Book of the Kanagawa
: Vulnerable



Kugenumaran bloomed this year.